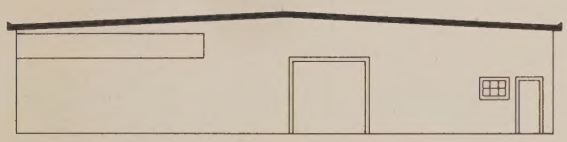
A.I.A. File No. 19-A-3

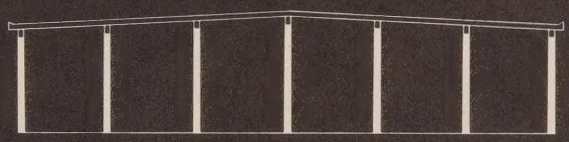
KOPPERS

industrial • commercial
pole buildings

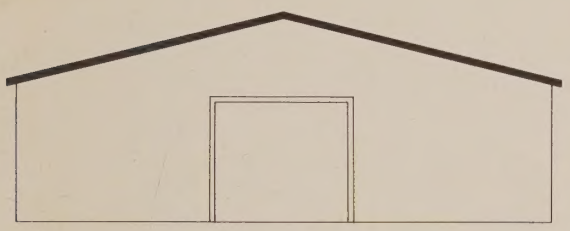


ANY WIDTH, ANY LENGTH

FLAT-TOP
type K-102

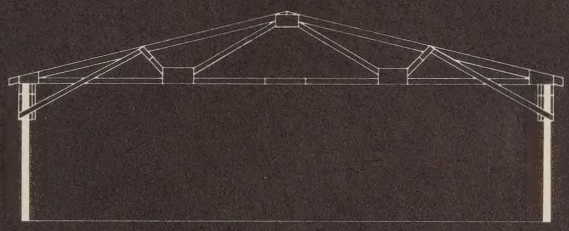


BAYS 21 FEET x 21 FEET

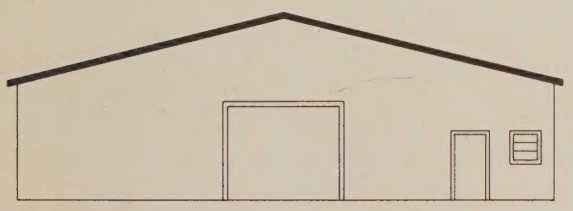


WIDTHS UP TO 50-FEET

CLEAR-SPAN
type K-103

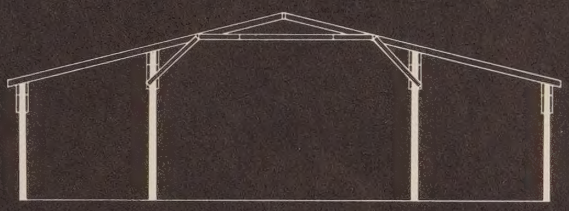


CLEAR SPANS OF 24, 30, 36, 40, 50 FEET



WIDTHS TO 110 FEET, ANY LENGTH

BAY-GABLE
type K-104



34 FEET CLEAR CENTER AREA, 17 FEET x 15 FEET or 19 FEET x 15 FEET BAYS

- economical
- flexible
- permanent
- fire-protected

A.I.A. File No. 19-A-3

condensed data

VERSATILE, PRE-ENGINEERED BUILDINGS

Koppers pole buildings using the pressure-treated pole construction concept are a thoroughly sound investment. They fill a critical need among commercial and industrial users for quickly erected, low-cost, permanent facilities which are suitable for warehousing, manufacturing, office space, service shops and similar needs. Lengths and widths are limited only by available ground space and building designs are practically unlimited. Because of the versatility and flexibility of Koppers Pole Buildings, you have a wide choice of square-foot requirements and heights. Yet every building can be expanded economically and easily to meet growing needs.

MAXIMUM SPACE AT MINIMUM COSTS

With material and labor construction costs rising—the reduction of erection and finishing costs by as much as 50% through Koppers pre-engineered Pole Buildings by Koppers Qualified Contractors makes a definite contribution to the building industry. Koppers Pole Buildings are sound, permanent, good looking, yet cost little by comparison with conventional construction. Grading is limited usually to leveling the site. Excavation is required only for the pole holes, and this is mechanized. Conventional, expensive foundations are eliminated.

QUICK ERECTION FOR EARLY OCCUPANCY

Flat-Top, Clear-Span or Bay Gable—you pick the basic design you require; you determine the size building you need. You need not guess at future requirements. There's no overbuilding. Then, in a fraction of the time required for other types of construction, your building is up and completed—ready for occupancy.

WEATHER TIGHT AND FIRE PROTECTED

Although economically and quickly erected, Koppers Pole Buildings give the same durability and weather-tight protection as much costlier construction. They have withstood hurricane-force winds, rugged snow, driving rains. Koppers pressure-treated poles are termite and decay resistant. You have your choice of wood, metal or cement-asbestos panel siding and roofing. Koppers Non-Com* fire-protected wood may be used as purlins, girts, trusses or beams, poles and for interior finishing. Many building codes and insurance groups accept Non-Com as basically non-combustible. Buildings may be completely insulated and fire-protection systems installed if required.

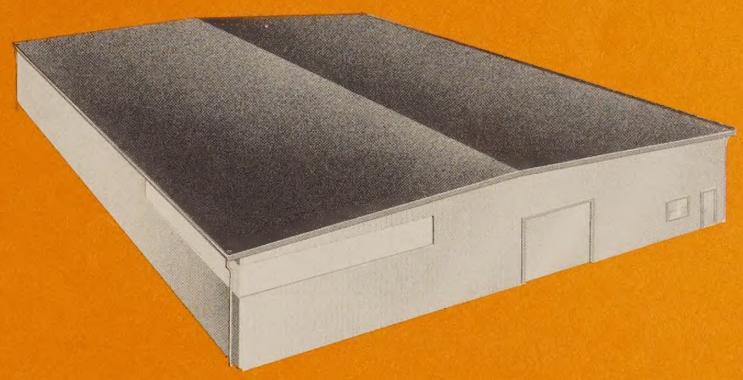
*Koppers Trade Mark

KOPPERS PRE-ENGINEERED POLE BUILDING DESIGNS APPROVED BY REGISTERED PROFESSIONAL ENGINEERS

KOPPERS pole buildings

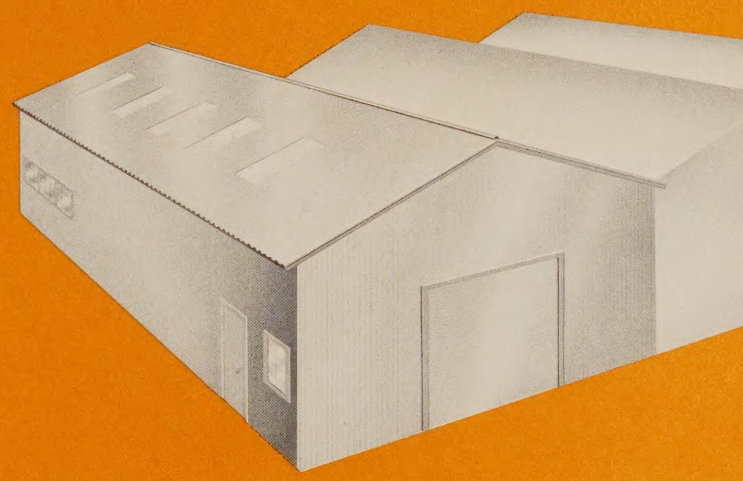
FLAT-TOP type K-102

Pole Spacing	21 feet x 21 feet interior bays
Widths	Any number of above bays
Lengths	Unlimited in 21-feet increments
Windows	Any commercial wood or metal. Plastic translucent panels
Doors	Standard entrance doors. Overhead, sliding or hinged garage doors
Exterior Walls	Metal, pressure-treated wood, cement board panels. Insulation as desired
Eave Height	Up to 24 feet
Roof	Plywood deck — Built-up roof. Pitch: 3/8" to 1 foot
Floor	Optional: concrete, bituminous or other
Framing	Non-Com fire-protected wood, if desired



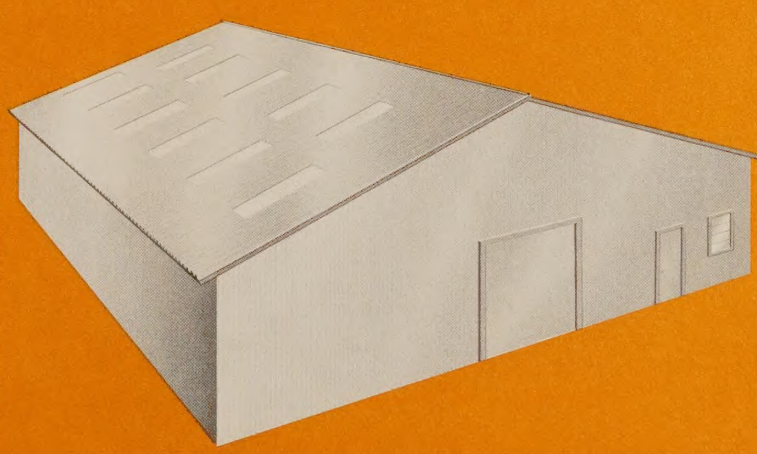
CLEAR-SPAN, type K-103

Clear-Span Widths	24, 30, 36, 40, 50 feet.
Total Width	Single or combination of above spans
Lengths	Unlimited
Windows	Any commercial metal or wood. Plastic translucent panels
Doors	Standard entrance doors. Overhead, sliding or hinged garage doors
Exterior Walls	Metal, pressure-treated wood, cement board panels. Insulation as desired
Eave Heights	10, 12, 14, 16, 18 or 20 feet
Roof	Ribbed or corrugated metal, skylight translucent plastic panels. Pitch: 4" to 1 foot
Floor	Optional: concrete, bituminous or other
Framing	Non-Com fire-protected wood, if desired



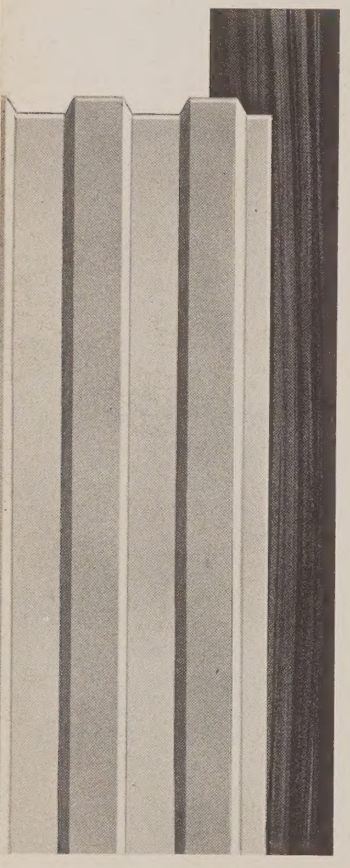
BAY-GABLE, type K-104

Pole Spacing	34-foot clear center area with 17 feet x 15 feet or 19 feet x 15 feet side bays
Lengths	Unlimited
Widths	Up to 110 feet
Eave Heights	14, 18 or 22 feet
Windows	Any commercial metal or wood. Plastic translucent panels
Doors	Standard entrance doors. Overhead, sliding or hinged garage doors
Exterior Walls	Metal, pressure-treated wood, cement board panels. Insulation as desired
Roof	Ribbed or corrugated metal, skylight translucent plastic panels. Pitch: 4" to 1 foot
Floor	Optional: concrete, bituminous or other
Framing	Non-Com fire-protected wood, if desired

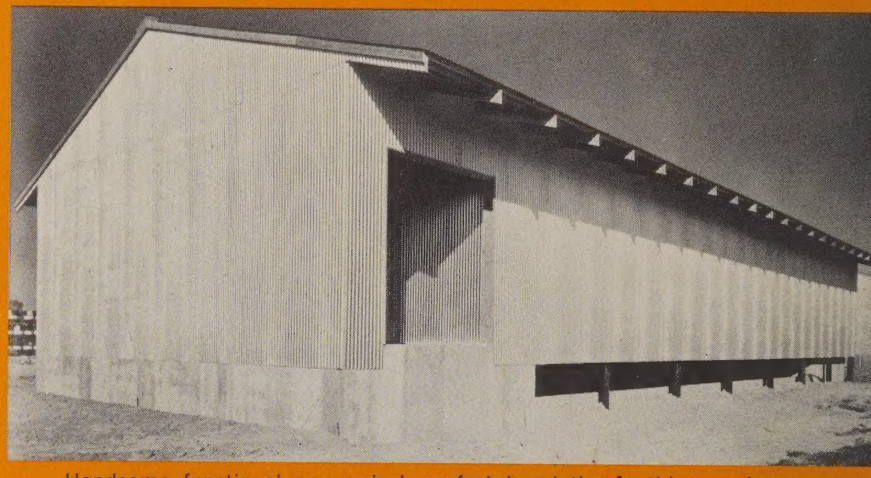


KOPPERS

pole buildings



This 54,000 sq. ft. warehouse illustrates the flexibility of the basic designs in Koppers commercial-industrial pole buildings. It represents a variation on the basic Koppers flat-top K-102 pole building design.



Handsome, functional, economical—perfect description for this one of two warehouses built for the Upjohn Company, a leading pharmaceutical firm, based on Koppers pole building designs. This clear-span Koppers K-103 pole building also incorporates "Non-Com" fire-protected lumber in the framing, girts, and purlins.

This 21,100 sq. ft. bay-gable warehouse is used for chemicals storage. Attractive, durable, efficient, it is a typical example of Koppers bay-gable K-104 pole building.

FOR DETAILS AND COSTS CONSULT YOUR NEAREST KOPPERS QUALIFIED CONTRACTOR—Your Koppers contractor will work with you and your engineer or architect to provide you with an economical, permanent pole building specifically designed to fill your needs.

send for detailed bulletins

Comprehensive bulletins are available on the Flat-Top K-102, Clear-Span K-103 and Bay Gable K-104 Buildings. Request those which interest you from your Koppers Qualified Contractor or write direct.

ATLANTIC ALUMINUM AND STEEL CO., INC.
RICHMOND ROAD
STAUNTON, VIRGINIA

KOPPERS®

KOPPERS COMPANY, INC.

WOOD PRESERVING DIVISION

750 Koppers Building • Pittsburgh 19, Pennsylvania

Koppers responsibility is limited to the basic design and engineering data contained in the master plans. Any adaptation of these design principles and subsequent erection of a specific building is the sole responsibility of the contractor and/or architect.

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Litho in U.S.A.